Enabling Healthcare Interoperability with FHIR Services

In today's healthcare landscape, data is the key to patient experience. But as the industry is challenged with the exchange of patient data, it is becoming difficult to achieve a holistic view of a patient's medical history, drive business insights through predictive models, maintain data and patient ID cohesivity and comply with data exchange and security standards.

Health Level 7 (HL7) created the next-generation interoperability standard 'Fast Healthcare Interoperability Resources' (FHIR) to help healthcare providers and payers securely exchange patient data between different systems and provide a common interpretation regardless of its format.

Mphasis FHIR Service Offerings

While complying with FHIR is essential for all healthcare organizations, they are challenged with lack of next-gen technologies and incumbent legacy systems & processes, which makes the transition to FHIR standards a difficult task.

Mphasis FHIR service offerings coupled with our deep healthcare domain expertise provides a core set of capabilities – a robust data architecture, a well-defined data model, infrastructure, software stack and a reference system that meets the technical requirements of FHIR and enables providers to quickly exchange data in the most effective way possible. Our solution follows a design thinking approach for Care to Wellness, to enhance experience & outcomes for a reimagined provider & patient journey.

Mphasis FHIR Service Offerings

Validation Factory
Process and Validation Tools & Repository for validating client's FHIR and SMART App implementation.

Capacity & Capability
CoE and Value Groups with experienced talent and best tools and utilities working on FHIR solution archetype including adoption, transformation, etc.

Modernize
Transform existing healthcare systems to modern platforms and architectures.

Reimagine Experiences
Understand existing user experience and reimagine the same using next-gen technologies, AI, UI/UX.

Verification & Validation
Ensure clients and servers adhere to FHIR specifications and data interoperability.

Infrastructure & Apps
Set up FHIR servers from FHIR providers like HAPI, AWS, Azure & GCP.

Connectors & Adapters
Bring data from existing systems into FHIR servers and move data between FHIR servers.

FHIR Facade
Enable enterprises to create loosely coupled and highly-cohesive healthcare systems environments.

Data Exchange
Make FHIR the single source of truth by importing data from other systems to FHIR and synchronizing with other systems.

Smart Apps
Create SMART customer-centric applications over FHIR and deploy them on marketplaces.

With our FHIR services, healthcare providers could share patient data and information more quickly and securely which creates digital connections between patients and their providers. It is a game changer in the healthcare ecosystem as it gives data ownership to the patient, transparency & valuable insights to the provider, payers and other healthcare facilities.

Why Mphasis

Our leading healthcare solutions and services offer differentiated healthcare capabilities that enable our clients to leverage the opportunities offered by new healthcare market trends and stay ahead of the competitive curve.

- 90+ customers, coverage across payer, self-funded, Govt. (HHS), provider, pharma, medical devices
- 35M patient lives impacted
- 160+ successful implementations and migrations from other core systems
- 60% reduction in claims processing time

While interoperability is a mechanism to drive collaboration across the healthcare system and provide patients access to their health data, it is also an important tool facilitating & measuring the quality of care outcomes and driving member centricity.

To get more information on our FHIR offering, write to us at mphasis.healthcare@mphasis.com

About Mphasis

Mphasis' purpose is to be the *"Driver in the Driverless Car"* for Global Enterprises by applying next-generation design, architecture and engineering services, to deliver scalable and sustainable software and technology solutions. Customer centricity is foundational to Mphasis, and is reflected in the Mphasis' Front2Back™ Transformation approach. Front2Back™ uses the exponential power of cloud and cognitive to provide hyper-personalized ($C = X2C^2_{TM} = 1$) digital experience to clients and their end customers. Mphasis' Service Transformation approach helps 'shrink the core' through the application of digital technologies across legacy environments within an enterprise, enabling businesses to stay ahead in a changing world. Mphasis' core reference architectures and tools, speed and innovation with domain expertise and specialization, combined with an integrated sustainability and purpose-led approach across its operations and solutions are key to building strong relationships with marquee clients.
Click here to know more. (BSE: 526299; NSE: MPHASIS)